

**Abstract**

**PORTABLE CONVERGENT SPRAY GUN FOR APPLYING  
COATINGS**

5           A convergent type of spray gun is made portable by miniaturizing the  
components with the addition of a double tube, fluid tip and air cap for  
defining the discharge nozzle for the liquid resin and atomizing air. The dry  
powdered nozzle is likewise miniaturized and is adapted to fit over the double  
tube, fluid tip and air cap arrangement by including a sleeve disposed  
10           therebetween. The main body is configured in either an L-shape or straight-  
through configuration. Although the component parts are miniaturized, the  
spray gun is capable of flowing coating mixture at the same rate as the larger  
version convergent spray gun.

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